

```

Connecting via Winsock to STN
Welcome to STN International! Error x:x
***** Welcome to STN International *****
***** STN Columbus *****
FILE 'HOME' ENTERED AT 11:38:33 ON 07 JAN 2003
=> FILE CAPLUS
=> S ion exchanger
    971444 ION
    622745 IONS
    1303359 ION
        (ION OR IONS)
    85157 EXCHANGER
    70877 EXCHANGERS
    115554 EXCHANGER
        (EXCHANGER OR EXCHANGERS)
L1      35068 ION EXCHANGER
        (ION(W)EXCHANGER)

=> S L1 AND sodium
    808269 SODIUM
    33 SODIUMS
    808280 SODIUM
        (SODIUM OR SODIUMS)
L2      3821 L1 AND SODIUM

=> S L2 AND potassium
    465664 POTASSIUM
    15 POTASSIUMS
    465667 POTASSIUM
        (POTASSIUM OR POTASSIUMS)
L3      838 L2 AND POTASSIUM

=> S L3 AND mammal
    24606 MAMMAL
    35221 MAMMALS
    52320 MAMMAL
        (MAMMAL OR MAMMALS)
L4      0 L3 AND MAMMAL

=> S L3 AND cellualr
    8 CELLUALR
L5      0 L3 AND CELLUALR

=> S L3 AND cellular
    281605 CELLULAR
    19 CELLULARS
    281616 CELLULAR
        (CELLULAR OR CELLULARS)
L6      8 L3 AND CELLULAR

=> D L6 1-8

L6      ANSWER 1 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN      2001:448192 CAPLUS
DN      135:88398
TI      Excitotoxicity of Lathyrus sativus neurotoxin in leech Retzius neurons
AU      Cemerikic, D.; Nedeljkov, V.; Lopacic, S.; Dragovic, S.; Beleslin, B.
CS      Department of Pathological Physiology, Medical Faculty, Belgrade,
        Yugoslavia
SO      Physiological Research (Prague, Czech Republic) (2001), 50(2), 205-214
        CODEN: PHRSEJ; ISSN: 0862-8408
PB      Institute of Physiology, Academy of Sciences of the Czech Republic
DT      Journal
LA      English
RE.CNT  28      THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
                ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6      ANSWER 2 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN      1995:390171 CAPLUS
DN      122:184017
TI      Membrane crosstalk in secretory epithelial cells mediated by intracellular
        chloride concentration
AU      Robertson, Marli A.; Foskett, J. Kevin
CS      Hospital Sick Children, University Toronto, Toronto, ON, M5G 1X8, Can.
SO      Japanese Journal of Physiology (1994), 44(Suppl. 2), S309-S315
        CODEN: JJPHAM; ISSN: 0021-521X

```

PB Business Center for Academic Societies Japan
DT Journal
LA English

L6 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN 1992:55100 CAPLUS
DN 116:55100
TI A test reagent for printing on test elements for detecting glucose in body fluids
IN Tsuji, Nobuyuki; Oka, Motohiro; Fujiwara, Tetsuya
PA Dainippon Printing Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03183954	A2	19910809	JP 1989-321307	19891213
	JP 2777439	B2	19980716		
PRAI	JP 1989-321307		19891213		

L6 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN 1990:617694 CAPLUS
DN 113:217694
TI Disinfection mechanism of electrodyalytic disinfection system using ion-exchange membrane. I. Change of ***cellular*** components and morphology of bacterial cells treated with electrodyalytic disinfection system
AU Sato, Toshio; Kobayashi, Hiromi; Kogure, Makoto; Tanaka, Tatsuo; Suzuki, Takashi
CS Dep. Anal. Chem., Showa Pharm. Coll., Tokyo, 154, Japan
SO Denki Kagaku oyobi Kogyo Butsuri Kagaku (1990), 58(8), 728-35
CODEN: DKOKAZ; ISSN: 0366-9297
DT Journal
LA Japanese

L6 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN 1988:53180 CAPLUS
DN 108:53180
TI Effects of L-aspartate on ***cellular*** ***sodium*** , ***potassium*** , and chloride activities in Retzius nerve cells of the leech
AU Cemerikic, Dusan; Nedeljkov, Vladimir; Beleslin, Bogdan
CS Dep. Pathol. Physiol., Fac. Med., Belgrade, 11000, Yugoslavia
SO Comparative Biochemistry and Physiology, Part A: Molecular & Integrative Physiology (1988), 89A(1), 67-74
CODEN: CBPAB5; ISSN: 0300-9629
DT Journal
LA English

L6 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN 1980:73787 CAPLUS
DN 92:73787
TI The effect of hemorrhagic shock on ***potassium*** transport in skeletal muscle
AU Illner, Hana; Shires, G. Tom
CS Cornell Med. Cent., New York Hosp., New York, NY, USA
SO Surgery, Gynecology and Obstetrics (1980), 150(1), 17-25
CODEN: SGOBA9; ISSN: 0039-6087
DT Journal
LA English

L6 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN 1964:93108 CAPLUS
DN 60:93108
OREF 60:16305f-h
TI Ionic basis of vascular response to vasoactive substances
AU Friedman, Sydney M.; Friedman, Constance L.
CS Univ. British Columbia, Vancouver
SO Can. Med. Assoc. J. (1964), 90(4), 167-73
DT Journal
LA Unavailable

L6 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2003 ACS
AN 1963:70059 CAPLUS

DN 58:70059
OREF 58:11983a-b
TI Thermochemistry and thermodynamics of ion exchange in a crystalline exchange medium
AU Barrer, R. M.; Rees, L. V. C.; Ward, D. J.
CS Imp. Coll., London
SO Proc. Roy. Soc. (London) (1963), Ser. A, 180-97
DT Journal
LA Unavailable

=> s ion exchanger
971444 ION
622745 IONS
1303359 ION
(ION OR IONS)
85157 EXCHANGER
70877 EXCHANGERS
115554 EXCHANGER
(EXCHANGER OR EXCHANGERS)
L7 35068 ION EXCHANGER
(ION(W)EXCHANGER)

=> S L7 AND review
1754064 REVIEW
30783 REVIEWS
1768124 REVIEW
(REVIEW OR REVIEWS)
L8 1999 L7 AND REVIEW

=> S L8 AND sodium-calcium
808269 SODIUM
33 SODIUMS
808280 SODIUM
(SODIUM OR SODIUMS)
604701 CALCIUM
31 CALCIUMS
604706 CALCIUM
(CALCIUM OR CALCIUMS)
4766 SODIUM-CALCIUM
(SODIUM(W)CALCIUM)
L9 4 L8 AND SODIUM-CALCIUM

=> D L9 1-4

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS
AN 1999:683802 CAPLUS
DN 132:192326
TI ***sodium*** - ***calcium*** ***ion*** ***exchanger*** and
astroglia cell death
AU Matsuda, Toshio; Taguma, Kazuhisa; Asano, Shoichi; Kimura, Yuji; Baba, Akimichi
CS School of Medicine, Department of Pharmacology, Osaka University, Japan
SO No Kino no Kaimei: 21-seiki ni Mukete, [Shinpojumu] -- 2nd, Yufuin-cho, Japan, Feb. 27-Mar. 1, 1998 (1998), 499-507. Editor(s): Akaike, Norio.
Publisher: Kyushu Daigaku Shuppankai, Fukuoka, Japan.
CODEN: 68HSAH
DT Conference; General Review
LA Japanese

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS
AN 1993:575919 CAPLUS
DN 119:175919
TI Molecular and kinetic aspects of ***sodium*** - ***calcium*** exchange
AU Philipson, Kenneth D.; Nicoll, Debora A.
CS Sch. Med., UCLA, Los Angeles, CA, 90024, USA
SO International Review of Cytology (1993), 137C(Molecular Biology of Receptors and Transporters), 199-227
CODEN: IRCYAJ; ISSN: 0074-7696
DT Journal; General Review
LA English

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS
AN 1992:528543 CAPLUS
DN 117:128543

TI Calcium handling in smooth muscle: interactions among the
sodium,potassium ATPase, the ***sodium*** / ***calcium*** exchanger,
and the sodium/hydrogen ***ion*** ***exchanger***

AU Scheid, C. R.; Fay, F. S.; Moore, E. D. W.; Honeyman, T. W.

CS Med. Sch., Univ. Massachusetts, Worcester, MA, USA

SO Neurourology and Urodynamics (1992), 11(3), 261-3

CODEN: NEUREM; ISSN: 0733-2467

DT Journal; General Review

LA English

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1991:577517 CAPLUS

DN 115:177517

TI Cation antiporters

AU Khananshvil, D.

CS Dep. Biochem., Weizmann Inst. Sci., Rehovot, Israel

SO Current Opinion in Cell Biology (1990), 2(4), 731-4

CODEN: COCBE3; ISSN: 0955-0674

DT Journal; General Review

LA English

=> s sodium-calcium exchanger

808269 SODIUM

33 SODIUMS

808280 SODIUM

(SODIUM OR SODIUMS)

604701 CALCIUM

31 CALCIUMS

604706 CALCIUM

(CALCIUM OR CALCIUMS)

85157 EXCHANGER

70877 EXCHANGERS

115554 EXCHANGER

(EXCHANGER OR EXCHANGERS)

L10 607 SODIUM-CALCIUM EXCHANGER

(SODIUM(W)CALCIUM(W)EXCHANGER)

=> s L10 AND cellular

281605 CELLULAR

19 CELLULARS

281616 CELLULAR

(CELLULAR OR CELLULARS)

L11 43 L10 AND CELLULAR

=> s L11 AND review

1754064 REVIEW

30783 REVIEWS

1768124 REVIEW

(REVIEW OR REVIEWS)

L12 12 L11 AND REVIEW

=> D L12 1-12

L12 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 2002:579296 CAPLUS

DN 137:289113

TI ***Cellular*** action of thyroid hormone on the heart

AU Dillmann, W. H.

CS Department of Medicine, University of California, San Diego, CA, USA

SO Thyroid (2002), 12(6), 447-452

CODEN: THYRER; ISSN: 1050-7256

PB Mary Ann Liebert, Inc.

DT Journal; General Review

LA English

RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 2001:511803 CAPLUS

DN 135:254805

TI Modelling calcium handling in cardiac cells

AU Rice, John Jeremy; Jafri, M. Saleet

CS Physiome Sciences Inc., Princeton, NJ, 08540, USA

SO Philosophical Transactions of the Royal Society of London, Series A:

Mathematical, Physical and Engineering Sciences (2001), 359(1783),

1143-1157

CODEN: PTRMAD; ISSN: 1364-503X

PB Royal Society
DT Journal; General Review
LA English
RE.CNT 86 THERE ARE 86 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 2000:803010 CAPLUS
DN 135:13675
TI A new target for ***cellular*** protection- Na⁺-Ca²⁺ exchanger
AU Lu, Jing; Wang, Xiaoliang
CS Institute of Materia Medica, CAMS + PUMC, Beijing, 100050, Peop. Rep. China
SO Zhongguo Yaolixue Tongbao (2000), 16(4), 361-365
CODEN: ZYTOE8; ISSN: 1001-1978
PB Anhui Yike Daxue Linchuan Yaoli Yanjiuso
DT Journal; General Review
LA Chinese

L12 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1998:153622 CAPLUS
DN 128:255678
TI Calcium channels in cardiac hypertrophy and heart failure
AU Shorofsky, Stephen R.; Balke, C. William; Gwathmey, Judith K.
CS Department of Medicine, University of Maryland School of Medicine, Baltimore, MD, 21201, USA
SO Heart Failure Reviews (1998), 2(3), 163-171
CODEN: HFREFC; ISSN: 1382-4147
PB Kluwer Academic Publishers
DT Journal; General Review
LA English

L12 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1998:29538 CAPLUS
DN 128:126104
TI The signaling function of calcium and its regulation
AU Carafoli, Ernesto
CS Inst. Biochemistry, Swiss Federal Inst. Technology, Zurich, CH-8092, Switz.
SO Clujul Medical (1997), 70(2), 125-139
CODEN: CLUMBY; ISSN: 0257-7267
PB Universitatea de Medicina si Farmacie Cluj-Napoca
DT Journal; General Review
LA English

L12 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1997:581986 CAPLUS
DN 127:244330
TI Na/Ca exchanger: molecular and ***cellular*** characteristics
AU Lederer, W. Jonathan; Kofuji, P.; Doering, A.; Niggli, E.; Lipp, P.; Kieval, R. S.; Cheng, H.; Cannell, M.; Valdivia, C.; Schulze, D. H.
CS Department of Physiology, School of Medicine & Medical Technology Center, University of Maryland at Baltimore, Baltimore, MD, 21201, USA
SO Developments in Cardiovascular Medicine (1996), 182(Molecular Physiology and Pharmacology of Cardiac Ion Channels and Transporters), 447-455
CODEN: DCMEDM; ISSN: 0166-9842
PB Kluwer
DT Journal; General Review
LA English

L12 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1997:83427 CAPLUS
DN 126:126994
TI Distribution and signal transduction of angiotensin II AT1 and AT2 receptors
AU Capponi, Alessandro M.
CS Division of Endocrinology, University Hospital, Geneva, Switz.
SO Blood Pressure, Supplement (1996), (2, Angiotensin II Receptors), 41-46
CODEN: BPSUEY; ISSN: 0803-8023
PB Scandinavian University Press
DT Journal; General Review
LA English

L12 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1996:308420 CAPLUS
DN 125:102

TI Pathophysiological targets for beta-blocker therapy in congestive heart failure
AU Just, H.
CS Abteilung Innere Medizin III/Kardiologie, Angiologie, Medizinische Universitätsklinik Freiburg im Breisgau, Freiburg/Br., 79016, Germany
SO European Heart Journal (1996), 17(Suppl. B), 2-7
CODEN: EHJODF; ISSN: 0195-668X
PB Saunders
DT Journal; General Review
LA English

L12 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1995:507331 CAPLUS
DN 122:262426
TI New concepts in the cardioprotective action of magnesium and taurine during the calcium paradox and ischemia of the heart
AU Suleiman, M.-S.
CS Dep. Physiology, Univ. Bristol, Bristol, BS2 8EJ, UK
SO Magnesium Research (1994), 7(3/4), 295-312
CODEN: MAGREF; ISSN: 0953-1424
PB Libbey
DT Journal; General Review
LA English

L12 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1994:187762 CAPLUS
DN 120:187762
TI ***Sodium*** / ***calcium*** ***exchanger*** in heart muscle: Molecular biology, ***cellular*** function, and its special role in excitation-contraction coupling
AU Schulze, Dan; Kofuji, Paulo; Hadley, Robert; Kirby, Mark S.; Kieval, Robert S.; Doering, Andrea; Niggli, Ernst; Lederer, W J.
CS Sch. Med., Univ. Maryland, Baltimore, MD, 21201, USA
SO Cardiovascular Research (1993), 27(10), 1726-34
CODEN: CVREAU; ISSN: 0008-6363
DT Journal; General Review
LA English

L12 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1994:2857 CAPLUS
DN 120:2857
TI Molecular and ***cellular*** biology of plasma membrane calcium ATPase
AU Carafoli, Ernesto; Guerini, Danilo
CS Inst. Biochem., Swiss Fed. Institute of Technology, Zurich, CH-8092, Switz.
SO Trends in Cardiovascular Medicine (1993), 3(5), 177-84
CODEN: TCMDEQ; ISSN: 1050-1738
DT Journal; General Review
LA English

L12 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1991:511587 CAPLUS
DN 115:111587
TI Involvement of sodium-calcium exchange in cardiac pathology
AU Pierce, G. N.; Maddaford, T. G.
CS Res. Cent., St. Boniface Gen. Hosp., Winnipeg, MB, R2H 2A6, Can.
SO Developments in Cardiovascular Medicine (1990), 116(Subcell. Basis Contract. Failure), 85-96
CODEN: DCMEDM; ISSN: 0166-9842
DT Journal; General Review
LA English

=> s sodium-potassium ATPase
808269 SODIUM
33 SODIUMS
808280 SODIUM
(SODIUM OR SODIUMS)
465664 POTASSIUM
15 POTASSIUMS
465667 POTASSIUM
(POTASSIUM OR POTASSIUMS)
72041 ATPASE
6035 ATPASES
72879 ATPASE
(ATPASE OR ATPASES)
L13 4829 SODIUM-POTASSIUM ATPASE
(SODIUM(W)POTASSIUM(W)ATPASE)

=> S L13 AND Faller
19 FALLER
5 FALLERS
24 FALLER
(FALLER OR FALLERS)
L14 1 L13 AND FALLER

=> D L14

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 1995:643204 CAPLUS
DN 123:78247
TI An Equivalent Site Mechanism for Na⁺ and K⁺ Binding to Sodium Pump and Control of the Conformational Change Reported by Fluorescein 5'-Isothiocyanate Modification
AU Smirnova, Irina N.; Lin, Shwu-Hwa; Faller, Larry D.
CS School of Medicine, University of California, Los Angeles, CA, 90073, USA
SO Biochemistry (1995), 34(27), 8657-67
CODEN: BICHAW; ISSN: 0006-2960
PB American Chemical Society
DT Journal
LA English

=> S sodium-potassium ATPase
808269 SODIUM
33 SODIUMS
808280 SODIUM
(SODIUM OR SODIUMS)
465664 POTASSIUM
15 POTASSIUMS
465667 POTASSIUM
(POTASSIUM OR POTASSIUMS)
72041 ATPASE
6035 ATPASES
72879 ATPASE
(ATPASE OR ATPASES)
L15 4829 SODIUM-POTASSIUM ATPASE
(SODIUM(W)POTASSIUM(W)ATPASE)

=> S L15 AND review
1754064 REVIEW
30783 REVIEWS
1768124 REVIEW
(REVIEW OR REVIEWS)
L16 374 L15 AND REVIEW

=> D L16 1-25

L16 ANSWER 1 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2002:775892 CAPLUS
TI Metabolic Plasticity and the Promotion of Cardiac Protection in Ischemia and Ischemic Preconditioning
AU Opie, Lionel H.; Sack, Michael N.
CS Hatter Institute for Cardiology Research and Medical Research Council Inter-University Cape Heart Group, Cape Heart Centre, University of Cape Town Medical School, S. Afr.
SO Journal of Molecular and Cellular Cardiology (2002), 34(9), 1077-1089
CODEN: JMCDAY; ISSN: 0022-2828
PB Academic Press
DT Journal
LA English
RE.CNT 110 THERE ARE 110 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 2 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2002:652700 CAPLUS
DN 137:346367
TI Cardiotonic steroids: potential endogenous sodium pump ligands with diverse function
AU Dmitrieva, Renata I.; Doris, Peter A.
CS Institute of Molecular Medicine, University of Texas, Houston, TX, 77030, USA
SO Experimental Biology and Medicine (Maywood, NJ, United States) (2002), 227(8), 561-569
CODEN: EBMMBE; ISSN: 1535-3702
PB Society for Experimental Biology and Medicine

DT Journal; General Review

LA English

RE.CNT 92 THERE ARE 92 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 3 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2002:581382 CAPLUS

TI Superoxide, superoxide dismutase and ischemic injury

AU Salvemini, Daniela; Cuzzocrea, Salvatore

CS MetaPhore Pharmaceuticals Inc, St Louis, MO, 63114, USA

SO Current Opinion in Investigational Drugs (PharmaPress Ltd.) (2002), 3(6), 886-895

CODEN: COIDAZ; ISSN: 1472-4472

PB PharmaPress Ltd.

DT Journal

LA English

RE.CNT 155 THERE ARE 155 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 4 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2002:446582 CAPLUS

TI Mechanisms of short-term regulation of the Na⁺/K⁺-ATPase by protein kinases

AU Vasilets, L. A.

CS Julius-Bernstein-Inst. Physiology, Martin-Luther-Univ. Halle-Wittenberg, Halle/Saale, Germany

SO Biologisches Membrany (2002), 19(1), 77-82

CODEN: BIMEE9; ISSN: 0233-4755

PB Nauka

DT Journal; General Review

LA English

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 5 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2002:420072 CAPLUS

TI Quantification of the α .3 subunit of the Na⁺/K⁺-ATPase in cerebellar Purkinje neurons using luminescence

AU Biser, Peggy; Kong, Jian-Qiang; Fleming, William; Taylor, David

CS Dep. of Chem., Frostburg State Univ., Frostburg, MD, USA

SO Luminescence Biotechnology (2002), 503-509. Editor(s): Van Dyke, Knox; Van Dyke, Christopher; Woodfork, Karen. Publisher: CRC Press LLC, Boca Raton, Fla.

CODEN: 69CQSB; ISBN: 0-8493-0719-8

DT Conference; General Review

LA English

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 6 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2002:290485 CAPLUS

DN 136:363160

TI Antiarrhythmic effects of Na-H exchange inhibition

AU Karmazyn, Morris

CS Department of Pharmacology and Toxicology, University of Western Ontario, London, ON, N6A 5C1, Can.

SO Drug Development Research (2002), 55(1), 22-28

CODEN: DDREDK; ISSN: 0272-4391

PB Wiley-Liss, Inc.

DT Journal; General Review

LA English

RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 7 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2002:246444 CAPLUS

DN 136:383246

TI Trophoctoderm development and function: the roles of Na⁺/K⁺-ATPase subunit isoforms

AU Kidder, Gerald M.

CS Departments of Physiology, Obstetrics and Gynaecology, and Paediatrics, The University of Western Ontario, London, ON, N6A 5C1, Can.

SO Canadian Journal of Physiology and Pharmacology (2002), 80(2), 110-115

CODEN: CJPPA3; ISSN: 0008-4212

PB National Research Council of Canada

DT Journal; General Review

LA English

RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 8 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2002:223715 CAPLUS
DN 137:245330
TI Recent trends in the study of hypertension: renal tubule Na-K-ATPase and regulators
AU Sato, Takeo; Murao, Mei; Imai, Goro; Tsuchida, Hiroki; Shima, Yoshinori
CS Department of Internal Medicine, St. Marianna University School of Medicine, Japan
SO Sei Marianna Ika Daigaku Zasshi (2001), 29(5), 591-598
CODEN: SMIZDS; ISSN: 0387-2289
PB Sei-Marianna Ika Daigaku Igakkai
DT Journal; General Review
LA Japanese

L16 ANSWER 9 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2002:182996 CAPLUS
DN 136:304150
TI Pharmacological actions of melatonin in acute and chronic inflammation
AU Cuzzocrea, Salvatore; Reiter, Russel J.
CS Institute of Pharmacology, University of Messina, Messina, 98100, Italy
SO Current Topics in Medicinal Chemistry (Hilversum, Netherlands) (2002), 2(2), 153-165
CODEN: CTMCCL; ISSN: 1568-0266
PB Bentham Science Publishers Ltd.
DT Journal; General Review
LA English

RE.CNT 151 THERE ARE 151 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 10 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2002:79082 CAPLUS
DN 136:241750
TI Dopamine effects on Na,K-ATPase regulation and alveolar fluid reabsorption
AU Sznajder, Jacob Iasha; Ridge, Karen M.; Bertorello, Alejandro M.
CS Pulmonary and Critical Care Medicine, Northwestern University, Chicago, IL, USA
SO NATO Science Series, Series I: Life and Behavioural Sciences (2001), 336(Etiology and Treatment of Acute Lung Injury), 227-234
CODEN: NSSSC9; ISSN: 1566-7693
PB IOS Press
DT Journal; General Review
LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 11 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2002:27499 CAPLUS
DN 136:131987
TI Electrophysiology of the ***sodium*** - ***potassium*** - ***ATPase*** in cardiac cells
AU Glitsch, Helfried Gunther
CS Arbeitsgruppe Muskelphysiologie, Fakultat fur Biologie, Ruhr-Universitat Bochum, Bochum, Germany
SO Physiological Reviews (2001), 81(4), 1791-1826
CODEN: PHREA7; ISSN: 0031-9333
PB American Physiological Society
DT Journal; General Review
LA English

RE.CNT 187 THERE ARE 187 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 12 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2001:920866 CAPLUS
DN 136:112808
TI Cytochemical localization of Na+/K+-ATPase activity in cochlear stria marginal cells after various catecholamine administrations
AU Kanoh, N.; Dai, C.-F.; Mohri, D.; Hori, S.
CS Department of Otolaryngology, Hyogo College of Medicine, Hyogo, 663-8501, Japan
SO Histology and Histopathology (2001), 16(4), 1197-1201
CODEN: HIHIES; ISSN: 0213-3911
PB Histology and Histopathology

DT Journal; General Review

LA English

RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 13 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2001:862789 CAPLUS

DN 136:81717

TI Interaction of Na,K-ATPase catalytic subunit with cellular proteins and other endogenous regulators

AU Lopina, O. D.

CS Department of Biochemistry, School of Biology, Lomonosov Moscow State University, Moscow, 119899, Russia

SO Biochemistry (Moscow, Russian Federation)(Translation of Biokhimiya (Moscow, Russian Federation)) (2001), 66(10), 1122-1131

CODEN: BIORAK; ISSN: 0006-2979

PB MAIK Nauka/Interperiodica Publishing

DT Journal; General Review

LA English

RE.CNT 113 THERE ARE 113 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 14 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2001:626779 CAPLUS

DN 135:339364

TI Pharmacological action of melatonin in shock, inflammation and ischemia/reperfusion injury

AU Cuzzocrea, S.; Reiter, R. J.

CS Torre Biologica, Policlinico Universitario, University of Messina, School of Medicine, Institute of Pharmacology, Messina, 98100, Italy

SO European Journal of Pharmacology (2001), 426(1,2), 1-10

CODEN: EJPHAZ; ISSN: 0014-2999

PB Elsevier Science B.V.

DT Journal; General Review

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 15 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2001:354478 CAPLUS

DN 135:90588

TI Abnormalities of sodium pump function in hypertension and the role of endogenous cardiotonic steroids

AU Doris, Peter A.

CS Institute of Molecular Medicine, University of Texas Health Science Center at Houston, Houston, TX, 77030, USA

SO Cellular and Molecular Biology (Paris, France) (2001), 47(2), 391-401

CODEN: CMOBEF; ISSN: 0145-5680

PB C.M.B. Association

DT Journal; General Review

LA English

RE.CNT 108 THERE ARE 108 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 16 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2001:354477 CAPLUS

DN 135:131639

TI Ouabain interaction with cardiac Na/K-ATPase reveals that the enzyme can act as a pump and as a signal transducer

AU Xie, Zijian

CS Department of Pharmacology, Medical College of Ohio, Toledo, OH, 43614-5804, USA

SO Cellular and Molecular Biology (Paris, France) (2001), 47(2), 383-390

CODEN: CMOBEF; ISSN: 0145-5680

PB C.M.B. Association

DT Journal; General Review

LA English

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 17 OF 374 CAPLUS COPYRIGHT 2003 ACS

AN 2001:354475 CAPLUS

DN 135:90587

TI Mechanisms and consequences of Na⁺,K⁺-pump regulation by insulin and leptin

AU Sweeney, Gary; Klip, Amira

CS Programme in Cell Biology, The Hospital for Sick Children, Toronto,
Toronto, ON, M5G 1X8, Can.
SO Cellular and Molecular Biology (Paris, France) (2001), 47(2), 363-372
CODEN: CMOBEF; ISSN: 0145-5680
PB C.M.B. Association
DT Journal; General Review
LA English
RE.CNT 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 18 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2001:354474 CAPLUS
DN 135:146677
TI Role and regulation of lung Na,K-ATPase
AU Factor, Phillip
CS Pulmonary and Critical Care Medicine, Evanston Northwestern Healthcare,
Evanston, IL, 60201, USA
SO Cellular and Molecular Biology (Paris, France) (2001), 47(2), 347-361
CODEN: CMOBEF; ISSN: 0145-5680
PB C.M.B. Association
DT Journal; General Review
LA English
RE.CNT 160 THERE ARE 160 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 19 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2001:354466 CAPLUS
DN 135:88917
TI The gamma.-subunit of (Na⁺,K⁺)-ATPase: a representative example of human
single transmembrane protein with a key regulatory role
AU Berrebi-Bertrand, I.; Robert, P.; Camelin, J.-C.; Bril, A.; Souchet, M.
CS SmithKline Beecham Laboratoires Pharmaceutiques, Saint-Gregoire, 35762,
Fr.
SO Cellular and Molecular Biology (Paris, France) (2001), 47(2), 285-296
CODEN: CMOBEF; ISSN: 0145-5680
PB C.M.B. Association
DT Journal; General Review
LA English
RE.CNT 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 20 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2001:354458 CAPLUS
DN 135:104091
TI Aspects of gene structure and functional regulation of the isozymes of
Na,K-ATPase
AU Jorgensen, Peter Leth
CS Biomembrane Center, August Krogh Institute, Copenhagen University,
Copenhagen, 2100, Den.
SO Cellular and Molecular Biology (Paris, France) (2001), 47(2), 231-238
CODEN: CMOBEF; ISSN: 0145-5680
PB C.M.B. Association
DT Journal; General Review
LA English
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 21 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2001:182338 CAPLUS
DN 135:1968
TI Structure-function relationships of Na⁺, K⁺, ATP, or Mg²⁺ binding and
energy transduction in Na,K-ATPase
AU Jorgensen, P. L.; Pedersen, P. A.
CS August Krogh Institute, Biomembrane Center, Copenhagen University,
Copenhagen, 2100, Den.
SO Biochimica et Biophysica Acta (2001), 1505(1), 57-74
CODEN: BBACAQ; ISSN: 0006-3002
PB Elsevier Science B.V.
DT Journal; General Review
LA English
RE.CNT 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 22 OF 374 CAPLUS COPYRIGHT 2003 ACS
AN 2001:151973 CAPLUS
DN 135:146581

TI Antioxidant therapy: A new pharmacological approach in shock, inflammation, and ischemia/reperfusion injury
 AU Cuzzocrea, Salvatore; Riley, Dennis P.; Caputi, Achille P.; Salvemini, Daniela
 CS Institute of Pharmacology, University of Messina, Messina, 98100, Italy
 SO Pharmacological Reviews (2001), 53(1), 135-159
 CODEN: PAREAQ; ISSN: 0031-6997
 PB American Society for Pharmacology and Experimental Therapeutics
 DT Journal; General Review
 LA English
 RE.CNT 272 THERE ARE 272 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 23 OF 374 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:821448 CAPLUS
 DN 134:83812
 TI Impact of K⁺ homeostasis on net acid secretion in rat terminal inner medullary collecting duct: Role of the Na,K-ATPase
 AU Wall, Susan M.
 CS Medical School at Houston, University of Texas, Houston, TX, USA
 SO American Journal of Kidney Diseases (2000), 36(5), 1079-1088
 CODEN: AJKDDP; ISSN: 0272-6386
 PB W. B. Saunders Co.
 DT Journal; General Review
 LA English
 RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 24 OF 374 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:821330 CAPLUS
 DN 134:320415
 TI Physicochemical characteristics of interaction of saponins from holothurians (sea cucumbers) with cell membranes
 AU Gorshkova, I. A.; Ilyin, S. G.; Stonik, V. A.
 CS Laboratory of Marine Natural Products, Pacific Institute of Bioorganic Chemistry, Far East Branch of the Russian Academy of Sciences, Vladivostok, 690022, Russia
 SO Proceedings of the Phytochemical Society of Europe (2000), 45(Saponins in Food, Feedstuffs and Medicinal Plants), 219-225
 CODEN: APPEDR; ISSN: 0309-9393
 PB Kluwer Academic Publishers
 DT Journal; General Review
 LA English
 RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 25 OF 374 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:788869 CAPLUS
 DN 134:304867
 TI Digoxin treatment related to human myocardial and skeletal muscular Na,K-ATPase
 AU Schmidt, Thomas A.; Bundgaard, Henning; Kjeldsen, K.
 CS Department of Cardiothoracic Surgery, The Heart Centre, Copenhagen, 2100, Den.
 SO International Congress Series (2000), 1207(Na/K-ATPase and Related ATPases), 743-746
 CODEN: EXMDA4; ISSN: 0531-5131
 PB Elsevier Science B.V.
 DT Journal; General Review
 LA English
 RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S sodium-calcium ion exchanger
 808269 SODIUM
 33 SODIUMS
 808280 SODIUM
 (SODIUM OR SODIUMS)
 604701 CALCIUM
 31 CALCIUMS
 604706 CALCIUM
 (CALCIUM OR CALCIUMS)
 971444 ION
 622745 IONS
 1303359 ION
 (ION OR IONS)
 85157 EXCHANGER

70877 EXCHANGERS

115554 EXCHANGER

(EXCHANGER OR EXCHANGERS)

L17 4 SODIUM-CALCIUM ION EXCHANGER
(SODIUM(W)CALCIUM(W)ION(W)EXCHANGER)

=> D L17 1-4

L17 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 2002:892605 CAPLUS

TI Modulation of exocytosis by the Na⁺/Ca²⁺ exchanger of chromaffin cells

AU Pintado, Antonio J.; Olivares, Roman; Ruiz-Nuno, Ana; Aldea, Marcos;
Arroyo, Gloria; Albillos, Almudena; Gandia, Luis; Montiel, Carmen; Garcia,
Antonio G.

CS Instituto Teofilo Hernando, Departamento de Farmacologia, Facultad de
Medicina, Universidad Autonoma de Madrid, Madrid, 28029, Spain

SO Annals of the New York Academy of Sciences (2002), 971(Chromaffin Cell),
174-177

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal

LA English

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1999:683802 CAPLUS

DN 132:192326

TI ***Sodium*** - ***calcium*** ***ion*** ***exchanger*** and
astroglia cell death

AU Matsuda, Toshio; Taguma, Kazuhisa; Asano, Shoichi; Kimura, Yuji; Baba,
Akimichi

CS School of Medicine, Department of Pharmacology, Osaka University, Japan

SO No Kino no Kaimei: 21-seiki ni Mukete, [Shinpojumu] -- 2nd, Yufuin-cho,
Japan, Feb. 27-Mar. 1, 1998 (1998), 499-507. Editor(s): Akaike, Norio.
Publisher: Kyushu Daigaku Shuppankai, Fukuoka, Japan.

CODEN: 68HSAH

DT Conference; General Review

LA Japanese

L17 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1998:75714 CAPLUS

DN 128:214087

TI Alternative promoters and cardiac muscle cell-specific expression of the
Na⁺/Ca²⁺ exchanger gene

AU Nicholas, Susanne B.; Yang, Weidong; Lee, Shwu-Luan; Zhu, Hong; Philipson,
Kenneth D.; Lytton, Jonathan

CS Departments of Physiology and Medicine and the Cardiovascular Research
Laboratories, School of Medicine, University of California, Los Angeles,
Los Angeles, CA, 90095-1760, USA

SO American Journal of Physiology (1998), 274(1, Pt. 2), H217-H232

CODEN: AJPHAP; ISSN: 0002-9513

PB American Physiological Society

DT Journal

LA English

L17 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1993:646404 CAPLUS

DN 119:246404

TI Immunolocalization of the ***sodium*** / ***calcium*** ***ion***
exchanger in rabbit kidney

AU Reilly, Robert F.; Shugrue, Christine A.; Lattanzi, Dina; Biemesderfer,
Daniel

CS Sch. Med., Yale Univ., New Haven, CT, 06510, USA

SO American Journal of Physiology (1993), 265(2, Pt. 2), F327-F332

CODEN: AJPHAP; ISSN: 0002-9513

DT Journal

LA English

=> s sodium-calcium exchanger

808269 SODIUM

33 SODIUMS

808280 SODIUM

(SODIUM OR SODIUMS)

604701 CALCIUM

31 CALCIUMS

604706 CALCIUM

(CALCIUM OR CALCIUMS)
 85157 EXCHANGER
 70877 EXCHANGERS
 115554 EXCHANGER
 (EXCHANGER OR EXCHANGERS)
 L18 607 SODIUM-CALCIUM EXCHANGER
 (SODIUM(W)CALCIUM(W)EXCHANGER)

 => S L18 AND mammalian
 167459 MAMMALIAN
 189 MAMMALIANS
 167595 MAMMALIAN
 (MAMMALIAN OR MAMMALIANS)
 L19 70 L18 AND MAMMALIAN

 => S L19 AND review
 1754064 REVIEW
 30783 REVIEWS
 1768124 REVIEW
 (REVIEW OR REVIEWS)
 L20 8 L19 AND REVIEW

 => D L20 1-8

 L20 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:679379 CAPLUS
 TI Ionic ligand interactions with the intracellular loop of the
 sodium - ***calcium*** ***exchanger*** . Modulation by ATP
 AU DiPolo, Reinaldo; Beauge, Luis
 CS Laboratorio de Permeabilidad Ionica, IVIC, Centro de Biofisica y
 Bioquimica, Caracas, 1020 A, Venez.
 SO Progress in Biophysics & Molecular Biology (2002), 80(1-2), 43-67
 CODEN: PBIMAC; ISSN: 0079-6107
 PB Elsevier Science Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

 L20 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:106708 CAPLUS
 DN 136:322400
 TI Removal of intracellular Mg2+ activates cardiac Na+/Ca2+ exchanger
 AU Kiyosue, Tatsuto
 CS Department of Physiology, Oita Medical University, Oita, Hasama, 879-5593,
 Japan
 SO Cardiovascular Research (2002), 53(2), 290-291
 CODEN: CVREAU; ISSN: 0008-6363
 PB Elsevier Science B.V.
 DT Journal; General Review
 LA English
 RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

 L20 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:460560 CAPLUS
 DN 135:208466
 TI Analysis of Na+/Ca2+ exchanger knockout mice
 AU Takimoto, Eiki
 CS Department of Cardiovascular Medicine, Graduate School of Medicine,
 University of Tokyo, Japan
 SO Clinical Calcium (2001), 11(6), 749-757
 CODEN: CLCCEJ; ISSN: 0917-5857
 PB Iyaku Janarusha
 DT Journal; General Review
 LA Japanese

 L20 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:625515 CAPLUS
 DN 127:260542
 TI Perinatal maturation of myocardial contraction: the role of Na+-Ca2+
 exchange
 AU Haddock, Peter S.; Coetzee, William A.; Nakamura, Tomoe Y.; Balaguru,
 Durisamy; Boerth, Scott R.; Artman, Michael
 CS Department of Pharmacology, University of South Alabama College of
 Medicine, Mobile, AL, 36688, USA

SO Developing Heart (1997), 231-245. Editor(s): Ostadal, Bohuslav.
Publisher: Lippincott-Raven, Philadelphia, Pa.
CODEN: 65BTA3

DT Conference; General Review
LA English

L20 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2003 ACS

AN 1997:625513 CAPLUS

DN 127:260540

TI Biochemical basis of calcium handling in developing myocardium

AU Nijjar, Mohinder S.; Dhalla, Naranjan S.

CS Institute of Cardiovascular Sciences, St. Boniface General Hospital
Research Centre, Faculty of Medicine, University of Manitoba, Winnipeg,
MB, R2H 2A6, Can.

SO Developing Heart (1997), 189-217. Editor(s): Ostadal, Bohuslav.
Publisher: Lippincott-Raven, Philadelphia, Pa.
CODEN: 65BTA3

DT Conference; General Review
LA English

L20 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2003 ACS

AN 1997:305929 CAPLUS

DN 126:341357

TI Molecular anatomy of the node of Ranvier: newer concepts

AU Waxman, Stephen G.

CS Department of Neurology, Yale University School of Medicine, New Haven,
CT, USA

SO Neurobiology of Disease (1996), 13-28. Editor(s): Bostock, H.; Kirkwood,
P. A.; Pullen, A. H. Publisher: Cambridge University Press, Cambridge, UK.
CODEN: 64IVA3

DT Conference; General Review
LA English

L20 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2003 ACS

AN 1996:432855 CAPLUS

DN 125:110782

TI Localization of the Na⁺-Ca²⁺ exchanger in vascular smooth muscle, and in
neurons and astrocytes

AU Juhaszova, Magdalena; Shimizu, Hiroshi; Borin, Mikhail L.; Yip, Rick K.;

Santiago, Eligio M.; Lindenmayer, George E.; Blaustein, Mordecai P.

CS School of Medicine, University of Maryland, Baltimore, MD, 21201, USA

SO Annals of the New York Academy of Sciences (1996), 779(Sodium-Calcium
Exchange), 318-335

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal; General Review

LA English

L20 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2003 ACS

AN 1995:507331 CAPLUS

DN 122:262426

TI New concepts in the cardioprotective action of magnesium and taurine
during the calcium paradox and ischemia of the heart

AU Suleiman, M.-S.

CS Dep. Physiology, Univ. Bristol, Bristol, BS2 8EJ, UK

SO Magnesium Research (1994), 7(3/4), 295-312

CODEN: MAGREF; ISSN: 0953-1424

PB Libbey

DT Journal; General Review

LA English

=> D L19 1-25

L19 ANSWER 1 OF 70 CAPLUS COPYRIGHT 2003 ACS

AN 2002:933339 CAPLUS

TI Molecular Cloning of a Fourth Member of the Potassium-dependent
Sodium - ***Calcium*** ***Exchanger*** Gene Family, NCKX4

AU Li, Xiao-Fang; Kraev, Alexander S.; Lytton, Jonathan

CS Canada and the Samuel Lunenfeld Research Institute, Alberta T2N 4N1,
Calgary, University of Calgary, Department of Biochemistry and Molecular
Biology, Mt. Sinai Hospital, Toronto, ON, M5G 1X5, Can.

SO Journal of Biological Chemistry (2002), 277(50), 48410-48417

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

L19 ANSWER 2 OF 70 CAPLUS COPYRIGHT 2003 ACS

AN 2002:864380 CAPLUS

DN 137:346217

TI Targeting the reverse mode of the ***sodium*** / ***calcium***
exchanger for the treatment of optic neuropathy associated with
glaucoma and ischemic optic neuropathy

IN Adorante, Joseph S.; Ehring, George R.; Kopper, Kara L.

PA Allergan, Inc., USA

SO U.S., 6 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6479458	B1	20021112	US 2001-5829	20011108
PRAI	US 2001-5829		20011108		

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 70 CAPLUS COPYRIGHT 2003 ACS

AN 2002:853922 CAPLUS

TI ***sodium*** / ***calcium*** ***exchanger*** subtypes NCX1, NCX2
and NCX3 show cell-specific expression in rat hippocampus cultures

AU Thurneysen, Thomas; Nicoll, Debora A.; Philipson, Kenneth D.; Porzig,
Hartmut

CS Pharmakologisches Institut, Universitat Bern, Bern, CH 3010, Switz.

SO Molecular Brain Research (2002), 107(2), 145-156

CODEN: MBREE4; ISSN: 0169-328X

PB Elsevier Science B.V.

DT Journal

LA English

L19 ANSWER 4 OF 70 CAPLUS COPYRIGHT 2003 ACS

AN 2002:714221 CAPLUS

DN 137:243150

TI Protein and cDNA sequences of a novel human calcium-sodium-exchanging
protein sequence homolog and therapeutic uses thereof

IN Curtis, Rory A. J.

PA Millenium Pharmaceuticals, Inc., USA

SO Eur. Pat. Appl., 61 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1241260	A1	20020918	EP 2002-251810	20020312
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2002132303	A1	20020919	US 2002-94214	20020308
PRAI	US 2001-275078P	P	20010312		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 5 OF 70 CAPLUS COPYRIGHT 2003 ACS

AN 2002:679379 CAPLUS

TI Ionic ligand interactions with the intracellular loop of the
sodium - ***calcium*** ***exchanger***. Modulation by ATP

AU DiPoTo, Reinaldo; Beauge, Luis

CS Laboratorio de Permeabilidad Ionica, IVIC, Centro de Biofisica y
Bioquimica, Caracas, 1020 A, Venez.

SO Progress in Biophysics & Molecular Biology (2002), 80(1-2), 43-67

CODEN: PBIMAC; ISSN: 0079-6107

PB Elsevier Science Ltd.

DT Journal; General Review

LA English

RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 6 OF 70 CAPLUS COPYRIGHT 2003 ACS

AN 2002:575240 CAPLUS

DN 137:136136

TI Human ion exchanger proteins, cDNA and protein sequences, and use thereof

IN Friddle, Carl Johan; Hilbun, Karin
PA Lexicon Genetics Incorporated, USA
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002059316	A2	20020801	WO 2002-US1817	20020122
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002132998	A1	20020919	US 2002-54680	20020122
PRAI	US 2001-263384P	P	20010123		

L19 ANSWER 7 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:511058 CAPLUS
DN 137:335471
TI Developmental changes of Ca²⁺ handling in mouse ventricular cells from early embryo to adulthood
AU Liu, Weiran; Yasui, Kenji; Opthof, Tobias; Ishiki, Ryoji; Lee, Jong-Kook; Kamiya, Kaichiro; Yokota, Mitsuhiro; Kodama, Itsuo
CS Research Institute of Environmental Medicine, Department of Circulation, Nagoya University, Nagoya, 464-8601, Japan
SO Life Sciences (2002), 71(11), 1279-1292
CODEN: LIFSAK; ISSN: 0024-3205
PB Elsevier Science Inc.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 8 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:469464 CAPLUS
DN 137:245113
TI Contribution of Ca²⁺ transporters to relaxation in intact ventricular myocytes from developing rats
AU Bassani, Rosana A.; Bassani, Jose W. M.
CS Centro de Engenharia Biomedica and Departamento de Engenharia Biomedica/Faculdade de Engenharia Eletrica e de Computacao, Universidade Estadual de Campinas, Campinas, 13083-971, Brazil
SO American Journal of Physiology (2002), 282(6, Pt. 2), H2406-H2413
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 9 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:402861 CAPLUS
DN 137:182837
TI Na⁺/Ca²⁺ exchanger expression in the developing rat cortex
AU Gibney, G. T.; Zhang, J. H.; Douglas, R. M.; Haddad, G. G.; Xia, Y.
CS Department of Pediatrics, Yale University School of Medicine, New Haven, CT, 06520, USA
SO Neuroscience (Oxford, United Kingdom) (2002), 112(1), 65-73
CODEN: NRSCDN; ISSN: 0306-4522
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 10 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:226064 CAPLUS
DN 136:398962
TI Role of the Na⁺-Ca²⁺ exchanger as an alternative trigger of CICR in ***mammalian*** cardiac myocytes

AU Han, Chunlei; Tavi, Pasi; Wehstrom, Matti
CS Department of Physical Sciences/Division of Biophysics, Department of
Physiology, University of Oulu, Oulun, 90014, Finland
SO Biophysical Journal (2002), 82(3), 1483-1496
CODEN: BIOJAU; ISSN: 0006-3495
PB Biophysical Society
DT Journal
LA English

RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 11 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:204434 CAPLUS
DN 136:383448
TI Effects of different inotropic interventions on myocardial function in the
developing rabbit heart
AU Schiffmann, Holger; Flesch, Markus; Hauseler, Claudia; Pfahlberg, Annette;
Bohm, Michael; Hellige, Gerhard
CS Department of Pediatrics, University of Gottingen, Gottingen, 37075,
Germany
SO Basic Research in Cardiology (2002), 97(1), 76-87
CODEN: BRCAB7; ISSN: 0300-8428
PB Steinkopff Verlag
DT Journal
LA English

RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 12 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:184582 CAPLUS
DN 136:367600
TI ***Sodium*** ***calcium*** ***exchanger*** plays a key role in
alteration of cardiac function in response to pressure overload
AU Takimoto, Eiki; Yao, Atsushi; Toko, Haruhiro; Takano, Hiroyuki; Shimoyama,
Masaki; Sonoda, Makoto; Wakimoto, Koji; Takahashi, Toshiyuki; Akazawa,
Hiroshi; Mizukami, Miho; Nacai, Toshio; Nagai, Ryozi; Komuro, Issei
CS Dep. Cardiovasc. Med., Univ. Tokyo Grad. Sch. Med., Tokyo, 113-8655, Japan
SO FASEB Journal (2002), 16(3), 373-378
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 13 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2002:106708 CAPLUS
DN 136:322400
TI Removal of intracellular Mg²⁺ activates cardiac Na⁺/Ca²⁺ exchanger
AU Kiyosue, Tatsuto
CS Department of Physiology, Oita Medical University, Oita, Hasama, 879-5593,
Japan
SO Cardiovascular Research (2002), 53(2), 290-291
CODEN: CVREAU; ISSN: 0008-6363
PB Elsevier Science B.V.
DT Journal; General Review
LA English

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AN 2001:817533 CAPLUS
DN 136:83319
TI The role of Na⁺/Ca²⁺ exchanger in osteoclast differentiation
AU Amano, Hitoshi; Suzuki, Keiko; Yamada, Shoji
CS Department of Pharmacology, Showa University School of Dentistry, Tokyo,
142-8555, Japan
SO Showa Shigakkai Zasshi (2001), 21(1), 82-85
CODEN: SSZADC; ISSN: 0285-922X
PB Showa Daigaku Showa Shigakkai
DT Journal
LA Japanese

L19 ANSWER 15 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2001:694398 CAPLUS
DN 135:340543

TI Temperature dependence of cloned ***mammalian*** and salmonid cardiac
Na⁺/Ca²⁺ exchanger isoforms
AU Elias, Chadwick L.; Xue, Xiao-Hua; Marshall, Christian R.; Omeichenko,
Alexander; Hryshko, Larry V.; Tibbits, Glen F.
CS Institute of Cardiovascular Sciences, St. Boniface General Hospital
Research Centre, The University of Manitoba, Winnipeg, MB, R2H 2A6, Can.
SO American Journal of Physiology (2001), 281(3, Pt. 1), C993-C1000
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English
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AN 2001:654233 CAPLUS
DN 135:286351
TI Expression of Na⁺/Ca²⁺ exchanger (NCX1) gene in the developmental mouse
embryo and adult mouse brain
AU Wakimoto, K.; Kuro-o, M.; Yanaka, N.; Komuro, I.; Nabeshima, Y.-i.; Imai,
Y.
CS Discovery Research Laboratory, Tanabe Seiyaku Co., Ltd, Osaka,
Yodogawa-ku, 532-8505, Japan
SO Comparative Biochemistry and Physiology, Part B: Biochemistry & Molecular
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PB Elsevier Science Inc.
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AN 2001:587549 CAPLUS
DN 135:301474
TI Targeted inactivation of the ***sodium*** - ***calcium***
exchanger (Ncx1) results in the lack of a heartbeat and abnormal
myofibrillar organization
AU Koushik, Srinagesh V.; Wang, Jian; Rogers, Rhonda; Moskopidhis, Demetrius;
Lambert, Nevin A.; Creazzo, Tony L.; Conway, Simon J.
CS Institute of Molecular Medicine and Genetics, Medical College of Georgia,
Augusta, GA, USA
SO FASEB Journal (2001), 15(7), 1209-1211, 10.1096/fj.00-0696fje
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English
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L19 ANSWER 18 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2001:460560 CAPLUS
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TI Analysis of Na⁺/Ca²⁺ exchanger knockout mice
AU Takimoto, Eiki
CS Department of Cardiovascular Medicine, Graduate School of Medicine,
University of Tokyo, Japan
SO Clinical Calcium (2001), 11(6), 749-757
CODEN: CLCCEJ; ISSN: 0917-5857
PB Iyaku Janarusha
DT Journal; General Review
LA Japanese

L19 ANSWER 19 OF 70 CAPLUS COPYRIGHT 2003 ACS
AN 2001:301587 CAPLUS
DN 134:364699
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AU Fraysse, Bodvaël; Rouaud, Thierry; Millour, Marie; Fontaine-Perus,
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CS Faculté des Sciences et des Techniques, Université de Nantes, Nantes, Fr.
SO American Journal of Physiology (2001), 280(1, Pt. 1), C146-C154
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
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 AN 2001:105893 CAPLUS
 DN 135:148088
 TI Isolation and characterization of Na⁺/Ca²⁺ exchanger gene and splicing isoforms in mice
 AU Wakimoto, Koji; Kuro-o, Makoto; Yanaka, Noriyuki; Omori, Kenji; Komuro, Issei; Imai, Yuji; Nabeshima, Yo-Ichi
 CS Advanced Medical Research Department, Tanabe Seiyaku Co. Ltd., Osaka, 532-8505, Japan
 SO DNA Sequence (2000), 11(1-2), 75-81
 CODEN: DNSEES; ISSN: 1042-5179
 PB Harwood Academic Publishers
 DT Journal
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 TI In squid nerves intracellular Mg²⁺ promotes deactivation of the ATP-upregulated Na⁺/Ca²⁺ exchanger
 AU DiPolo, Reinaldo; Berberian, Graciela; Beauge, Luis
 CS Laboratorio de Permeabilidad Ionica, Centro de Biofisica y Bioquimica, Instituto Venezolano de Investigaciones Cientificas, Caracas, 1020-A, Venez.
 SO American Journal of Physiology (2000), 279(5, Pt. 1), C1631-C1639
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
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 AU Li, Lei; Guerini, Danilo; Carafoli, Ernesto
 CS Institute of Biochemistry, Swiss Federal Institute of Technology, Zurich, 8092, Switz.
 SO Journal of Biological Chemistry (2000), 275(27), 20903-20910
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
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L19 ANSWER 23 OF 70 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:278904 CAPLUS
 DN 133:14879
 TI Cloning and characterization of a potassium-dependent ***sodium*** / ***calcium*** ***exchanger*** in Drosophila
 AU Haug-Collet, K.; Pearson, B.; Webel, R.; Szerencsei, R. T.; Winkfein, R. J.; Schnetkamp, P. P. M.; Colley, N. J.
 CS Department of Ophthalmology and Visual Sciences, Department of Genetics, University of Wisconsin, Madison, WI, 53706, USA
 SO Journal of Cell Biology (1999), 147(3), 659-669
 CODEN: JCLBA3; ISSN: 0021-9525
 PB Rockefeller University Press
 DT Journal
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L19 ANSWER 24 OF 70 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:207782 CAPLUS
 DN 132:332359
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 AU Prinsen, Clemens F. M.; Szerencsei, Robert T.; Schnetkamp, Paul P. M.

CS Department of Physiology and Biophysics and the Medical Research Council
Group on Ion Channels and Transporters, Faculty of Medicine, University of
Calgary, Calgary, AB, T2N 4N1, Can.
SO Journal of Neuroscience (2000), 20(4), 1424-1434
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AN 2000:182644 CAPLUS
DN 132:320128
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AU Jansen, Maurits A.; Badlou, Bahram Alamdary; Van Echteld, Cees J. A.;
Ruigrok, Tom J. C.
CS Department of Cardiology, Heart Lung Institute, University Hospital,
Utrecht, 3508, Neth.
SO Molecular and Cellular Biochemistry (2000), 203(1&2), 169-175
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PB Kluwer Academic Publishers
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